



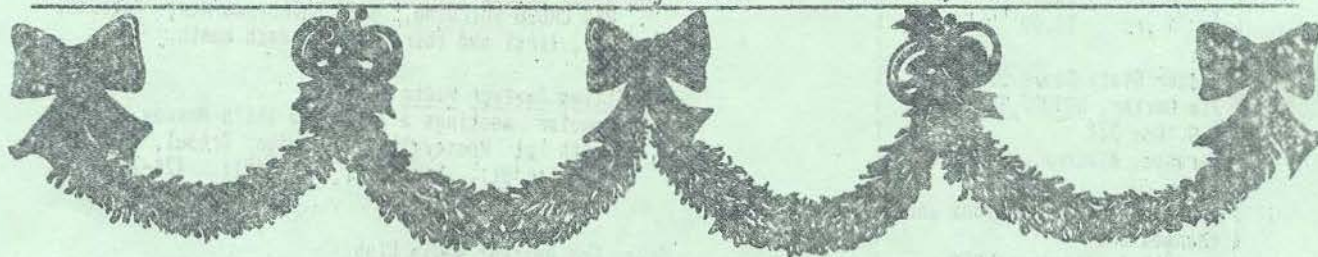
# BADGER STATE Smoke Signals



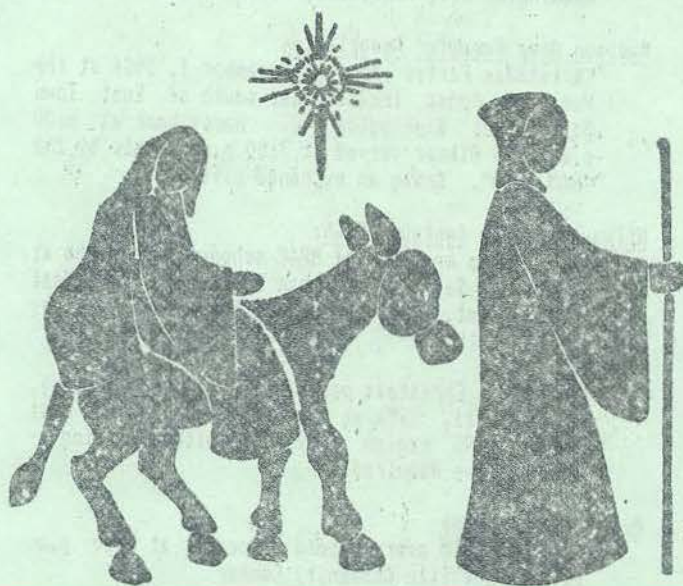
**Serving Amateur Radio in Wisconsin**

**Published Monthly Since 1969**

Vol. 17 No. 12 - 204th Consecutive Monthly Issue - Baraboo, Wis. - December 1986



## Seasons' Greetings



### FROM YOUR EDITOR

As 1986 comes to a close, we find that Badger State Smoke Signals has seen another year of growth; our circulation is now 700 copies mailed each month. For that, we thank our subscribers - both individual and those who receive BSSS through a club. We thank our advertisers, too, for without them, BSSS would not be possible; be sure you look the ads over in each issue. We thank, too, those who have contributed so much with crossword puzzles (Ernie Gershon, K9ZVU), cartoons (Joe Ash, W9ODV), articles and columns (Woody Minar, K9EF; Rich Regent, K9GDF; Lisa Harper, KA9RII; others). If you contributed and you're not listed here, please forgive us; it's not intentional.

You'll be seeing a big change in BSSS, starting in February; be sure you read K9EN's column inside.

**HAPPY HOLIDAYS, GANG!**

Badger State Smoke Signals supports: The American Radio Relay League (ARRL) - The Wisconsin Nets Association (WNA) - The Wisconsin Association of Repeaters (WAR) - The Amateur Radio News Service (ARNS) - The Courage Handi-Ham System - The Morse Telegraph Club - GEARVAKI (The 'I' is silent)

Badger State Smoke SignalsOfficers:

Ken Ebnetter, K9EN, Chairman  
 Jim Romelfanger, K9ZZ, Editor  
 Jim Decker, WB9UQT, Treasurer

Send editorial material and  
 exchange papers to:

Jim Romelfanger, K9ZZ, Editor  
 301 1/2 7th St.  
 Baraboo, Wisconsin 53913

Subscriptions:

1 yr. \$ 7.50  
 2 yr. 14.00  
 3 yr. 20.00

to:

Badger State Smoke Signals  
 Jim Decker, WB9UQT, Treasurer  
 P.O. Box 337  
 Baraboo, Wisconsin 53913-0337

Send address corrections and  
 changes to:

Kenneth A. Ebnetter, K9EN  
 822 Wauona Trail  
 Portage, Wisconsin 53901

Permission is granted to re-  
 print items from BSSS provid-  
 ing credit is given to the  
 author and Badger State Smoke  
 Signals.

SWAPFESTS AND OTHER SOCIAL EVENTS

COMPUTER & ELECTRONICS SWAPFEST. Sunday, December 7, 1986. BUY, SELL, & SWAP ELECTRONICS. Food & Spirits Restaurant, Hwy. 44, Ripon, WI. Super Brunch - 32 feet of food. Call Terry, (414) 398-3868 for vendor details.

Saturday, January 10, 1987. The 15th Annual Midwinter Swapfest, sponsored by the West Allis Radio Amateur Club, will be held at the Waukesha Co. Exposition Center Forum, Highways J & FT, Waukesha Wisconsin. WARAC Swapfest, P.O. Box 1072, Milwaukee, WI 53201. A flyer with map and more information was included with last month's BSSS. Support this BSSS Booster.

As a service to our readers, this section of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas.

Send information on your event to Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages, and/or we can include your flyers. For information on rates and requirements for our advertising pages, and/or for including flyers, please contact K9ZZ or K9EN.

CLUB MEETINGS:Badger Amateur Radio Society

(W9YT - University of Wisconsin - Madison)

Regular monthly meetings are held at 7:30 PM on the 2nd Wednesday of every month while school is in session, in B314 Electrical Engineering Building.

Central Wisconsin Radio Amateurs, Ltd. (Stevens Point)

Regular club meetings are held on the second Wednesday of the month.

Eau Claire A.R.C.

The Eau Claire Amateur Radio Club meets every second Tuesday of the month. Hams and guests are welcome.

Four Lakes A.R.C. (Madison WI)

RED CROSS BUILDING, 4860 Sheboygan Ave, Madison, WI., first and third Tuesday each month.

Fox Cities Amateur Radio Club

Regular meetings a 7pm, the third Monday of the month at Roosevelt Jr. High School, 318 E. Brewster St., Appleton, WI 54911. 424-735-6294 for info.

Green Fox Amateur Radio Club

Meetings are held the third Monday of the month at 7:30 p.m. at the Green Lake Town Hall located at the intersection of county highways K and N.

Kettle Moraine Radio Amateurs:

All meetings are held on the SECOND (2nd) Friday of each month.

Manitowoc County Radio Amateurs (MANCORAD)

First Wednesday; 7 p.m. at City Hall, 817 Franklin St., Manitowoc, WI.

Second Wednesday; Red Cross Building, 1816 Washington St., Manitowoc, WI.

Madison Area Repeater Association

Christmass Party: Monday, December 1, 1986 at the Heritage House located just south of East Town Mall on E. Washington ave. Happy hour at 6:00 p.m. with dinner served at 7:00 p.m. Music by the "HAM BAND". Bring an exchange gift.

Milwaukee Radio Amateurs Club:

All regular meetings of MRAC scheduled for 1986 at Wauwatosa Savings and Loan Building, 7500 West State Street, will be held on the second Thursday of the month.

the MRAC Christmas party will be held Thursday, December 11, 1986 at the Eelm Grove Legion Post Hall, 1195 Legion Drive. Limited Seating - Reservations Required.

Ozaukee Radio Club

Meetings held every second Wednesday at 7:30 p.m. in the Saukville Community Center

Riverland Amateur Radio Club

Regular meetings are held at 7:30 P.M., on the first Wednesday of each month in the Onalaska Community Center in Onalaska, WI.



South Milwaukee Amateur Radio Club

Meetings held at Legion Post 434, Shepard Ave., Oak Creek, on first Wednesday of the month. Auctions held at March and October meetings.

West Allis Radio Amateurs Club

Regular meetings are held on the second Tuesday of each month at St. Francis Savings, 9330 W. Greenfield Ave., at 8:00 P.M.

The Wisconsin Valley Radio Association. (Wausau)

Holds regular monthly meetings on the first Tuesday of the month at 7:30 p.m. The location varies, but information is available on the 146.04/64 repeater in Wausau.

Yellow Thunder Amateur Radio Club:

(Baraboo, WI)

All regular meetings of YTARC are at the Baraboo Civic Center. Meetings start at 7:30 P.M. The next meeting is December 11 in room 29.

Let us know of your club meeting dates, and we will let others know of your meetings and activities. There may be Amateurs in your area interested in joining your club, or members of other clubs interested in making an interclub visit.

MISCELLANEOUS MISCELLANEOUS MISCELLANEOUS MISCELLANEOUS  
Oh what the heck -- items of interest:

Central Wisconsin Radio Amateurs Ltd.

(Stevens Point)

WATTS SHOO

The new officers for the CWRA are:

President: Harvey A. Nelson, N9FHO

Vice President: James E. Benak, KA9ACE

Secretary/Treasurer: Frank L. Guth, W9BCC

Activities Manager: Scott K. Jasper, NE9U

Equipment Engineer: David B. Melton, KD9NW

Green Fox Amateur Radio Club

(Green Lake)

FOXTALES

Rick, KA9VOA has upgraded to Technician class.

Jack, WB9WC is the owner of a red Toyota 4x4 pick-up which will soon be outfitted with 2 meters.

Clarence, WA9YVC is recovering from eye surgery for a detached retina. The recovery is proceeding smoothly and the prognosis is good.

Kettle Moraine Radio Association

KETTLE DRUMS

The new officers selected to lead the KMRA are:

President: Les Hyland, KA9USV

Vice President: Rod Lkeist, WB9AZH

Secretary: Joe Lindsay, KD9GS

Treasurer: Ed Hellman, KC9BY

Directors: Jim Casamassa, WB9IXS

Bruce Herrick, K1THN

Paul Sperbeck, WB9HCB

Remember Steve Dubberstein, WA9D, who helped us out on 40 CW at Field Day? Steve was dismantling a tower near Madison when the tower decided to

finish the job by itself. He rode it down to the ground from the 40 foot level and broke his back. He's up and around, though, and conducted the Society of Midwest Contesters meeting at Grayslake. Steve points out that the future integrity of his vertebrae currently relies on a several hundred dollar orthopaedic brace held together with a 7/8" hose clamp! Such are the miracles of modern medicine.

Madison Area Repeater Association

MARA NEWSLETTER

Denny, K9BIL, recently purchased a new ICOM, IC-28A two-meter rig. It's one of the new smaller rigs made for today's smaller cars.

David Rice, KA9UPV, recently upgraded to Amateur Extra and received the new call of W09M.

W9JZ/9A Took first place honors of Field Day this year. Nice going guys!

It seems that the Novice bands need some help, especially 40 meters. So, Why not give a Novice a contact. It just might keep them interested enough to upgrade, or at least, keep them active.

Milwaukee Radio Amateurs Club

MARATEUR CHATTER

MRAC displayed an operating Amateur Radio station at the Polish Fest on Aug. 28-31.

MRAC provided communications for the Tri-County YMCA races at Menomonee County Park on Oct. 5. The 145.130 Repeater Club aided the net.

Belatedly we receive word of the passing of MRAC Life Member, John A. Tennesse, W0KFM.

Our thanks to the above mentioned clubs and their bulletins for the information presented. Badger State Smoke Signals will be pleased to exchange bulletins and information with your club. Please contact K9ZZ or K9EN.

THE TEST POINT

The following are known locations where Amateur Radio license examinations are scheduled in the Badger State area.

December 10, 1986	Milwaukee, WI
December 13, 1986	Milwaukee, WI
December 13, 1986	Appleton, WI
December 13, 1986	St. Paul, MN
December 20, 1986	Waukesha, WI
January 24, 1987	Wisconsin Rapids, WI
June 21, 1987	Stevens Point, WI
September 26, 1987	Wisconsin Rapids, WI
December 5, 1987	Stevens Point, WI
Third Sat. Monthly	Loves Park, IL

General rules for all examinations:

All examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. (Some VECs may permit walk-ins. Check with sponsor to find out if they allow walk-ins.)

To register for these examinations, you must first secure a copy of the current FCC Form 610 and fill it out completely (AND CORRECTLY). Get your form from the FCC Field Office, the ARRL or Badger State Smoke Signals. Send a 22d SASE if you request one from the ARRL or BSSS. In most cases, forms can also be obtained from the sponsoring group. Remember-- you must file at least 30 days in advance unless otherwise indicated.

ARRL/VEC examinations require a check for \$4.25 payable to "ARRL/VEC".

The FCC now requires applicants to show their original Amateur license to the VEC. As in the past, a copy of your license must be attached to your FCC form 610.

Additional information is given below.

#### MILWAUKEE METRO AREA TEST TEAM - MRAC VEC

Wednesday, December 10, 1986 at 7:00 p.m.  
Saturday, December 13, 1986 at 9:00 a.m.

These tests are scheduled to be given in room 256, Wauwatosa East High School at 74th and Milwaukee Ave. Use the East (74th St.) entrance.

Register in advance on a Postal System post card mailed to The Milwaukee Radio Amateurs' Club, Inc., N50 W16328 Pin Oak Court., Menomonee Falls, WI 53051.

#### MILWAUKEE VOLUNTEER CORE GROUP - DE VRY VEC

The Milwaukee Volunteer Core Group will be giving Amateur Radio exams as follows:

December 20, 1986 - In rooms S0208 and S0209 at Waukesha County Technical Institute

Walk-ins are welcome at all exam sites. Free coffee served only at MCTI. Exams start at 9:00 a.m. Exam fee is \$4.00. Novice thru Extra exams are available in Braille, large type, and on cassette tape for the visually impaired. Please bring your current Amateur license.

If you are interested, please send a post card with your name, address, phone number, date of test session, and the grade of license you wish to achieve. Send the card to Syl Janczak, WD9JKZ, 3127A West Madison, Milwaukee WI 53215.

Exams for shut-ins by appointment only.

December 13, 1986 -- Appleton, WI

Sponsored by the The Fox Cities ARC. 9:00 a.m. at Roosevelt Jr. High School, 318 E. Brewster St., Appleton, WI. Pre-registration preferred by Nov. 13th, but walk-ins welcome. Talk-in on 146.16/76

Contact: Larry Siebers, KD9IA  
1005 S. East St., Apt. 111  
Appleton, WI 54915

January 24, 1987 - September 26, 1987

Wisconsin Rapids WI

Central Wisconsin Radio Amateurs - ARRL/VEC

30 days pre-registration preferred by post card or telephone call, but walk-ins are accepted.

Contact: Gene Santoski K9UTQ  
1220 18th Street South  
Wisconsin Rapids WI 54494  
(715) 423-6368

June 21, 1987 - December 5, 1987

Stevens Point WI

Central Wisconsin Radio Amateurs - ARRL/VEC

30 days pre-registration preferred by post card or telephone call, but walk-ins are accepted.

Contact: Joe Larson N9JW  
644 Portage Street  
Stevens Point WI 54481  
(715) 344-1182

Third Saturday of every month.

Northern Illinois Volunteer Examiners (DeVry VEC).  
Held at North Suburban Library on North Second Street in Loves Park, IL.

Contact: Gene Melton, AK9N  
124 S. Chicago Ave. #2  
Rockford, IL  
(815) 224-7249

Minnesota tests - contact information:

Gopher/Minneapolis ARC:	Robbinsdale ARC:
Fred Hird	Neil McMillan
4716 Emerson Ave. S.	11132 97th Place
Minneapolis, MN 55409	Minneapolis, MN 55369
824-7702	(424-8248)

St. Paul ARC:  
Jay Bellows  
997 Portland Ave.  
St. Paul, MN 55104  
222-7253 (home) - 291-8015 (work)

This section of Badger State Smoke Signals is available to publicize your Volunteer Examiner Amateur Radio license examination schedules.

Please send us your schedules of dates, times, and locations that you will be conducting examinations and we will include the information here. Be sure to include contact address and any other necessary requirements. Information should be sent to K9EN or K9ZZ at the address shown on page 2.

# We're Changing!

Kenneth A. Ebnetter, K9EN  
Chairman, Badger State Smoke Signals  
822 Wauona Trail, Rte. 1  
Portage WI 53901

Starting in 1987, Badger State Smoke Signals will take on a new format.

With the growth of BSSS, we find that it is no longer practical to continue the present method of printing. We are now printing 700 copies of each issue with the mimeograph printer. The amount of time required to print, collate and label has become excessive for the unpaid volunteer help to be expected to continue doing every month, and still have time for family, community and operating activities.

After getting information from several area printers, we find the lowest cost method is a newspaper in a 12 to 16 page tabloid format. Although this will cost much more to produce than the present method of printing, with increased advertising we hope to keep the subscription at the present level.

In addition to the savings in labor (over 30 hours each month), we will gain several other things. We can begin mailing second-class, which will produce faster delivery and lower cost than the presently-used third class bulk mailing. We will also be able to publish more pictures, cartoons, drawings and schematics. Also, there will be larger, more readable type in the tabloid.

We will be looking for cooperation from our readers, too. We will need more advertising, both in the Badger State Boosters' section, and in the new display ads that will be appearing in BSSS. Your support of the advertisers is needed so they will feel it effective to advertise in BSSS. Also, if you are interested in advertising, or if you know of someone who may be interested, please let us know. We will also be looking for more stories, pictures, cartoons, etc., for inclusion each month.

We will continue all of the present articles and columns each month, and, with the support of our readers and advertisers, we will be able to expand Badger State Smoke Signals' service to the Amateur Radio operators of Wisconsin.

Ken Ebnetter, K9EN




---

BSSS CONGRATULATES Steve Polishinski, WB9YSD, Verona, on his forthcoming marriage!

---

## ARRL Election Results

Here are the results of balloting for Central Division Director and Vice-Director:

### FOR DIRECTOR

Edmond Metzger, W9PRN	2268
James Coleman, KA6A	1887
Bruce Woodward, W9UMH	653

### FOR VICE-DIRECTOR

Howard Huntington, K9KM	3035
Kenneth A. Ebnetter, K9EN	1732

(Thanx K9UTQ)

---

### ARRL/VEC FEES TO INCREASE

Effective January 1, 1987, the maximum allowable reimbursement for out-of-pocket costs for a volunteer administered Amateur Radio examination will be \$4.37. This amount is based on a 1.87% increase in the Department of Labor Consumer Price index between October 1, 1985, and September 30, 1986.

Each volunteer examiner and each volunteer examinees coordinator may be reimbursed by examiners for out-of-pocket expense incurred in preparing, processing or administering examinations for Amateur operator licensees above the Novice class. The amount of the reimbursement from any examinee for any one examination at a particular session, regardless of the number of examination elements taken, must not exceed \$4.37.

ARRL/VEC will charge \$4.35 after January 1.

(From The ARRL Letter)

# Walleye Net Bakeoff

By Richard R. Regent K9GDF  
5003 South 26th Street  
Milwaukee WI 53221

The Walleye Net Gang meets informally each Sunday on 3.923 MHz at 8 a.m. and lately has had an on-the-air dispute about about which member is the best baker. So it's no wonder that a baked-goods contest was proposed and then held on July 12th at the South Milwaukee Swapfest to resolve the problem.

Inside the Swapfest building at a table between the large doorways of the south wall, where the friendly Gang has met each year since 1979, we find Bill, W9OVZ, and Norm, W9VST, who brought along their delicious home-made apple pies; while Bernie, W9MNX, promotes his mouth-watering cheese cake.

Bill, K9AJF, Net King Fish, and today also acting as official contest judge, takes in the fresh aromas and flavors as he critically and slowly tastes each baked-goods entry. Other members K9AKG, KC9NG, and WA9HXM, plus guests N9DIJ and K9GDF, watch intently.

The seriousness of the long-awaited moment is broken by Bill's announcement.

"This is highly unusual, but I'll have to call it a three-way tie."



Shown here are, left to right: Dave, KC9NG (seated); Bill, W9OVZ; Bill, K9AJF; Bernie, W9MNX; Rich, K9GDF; Barb, N9DIJ; Norm, W9YST, and Steve, WA9HXM (seated). Photo by Ole Fox, K9AKG.

The gang laughs. Ice cream in a container, quickly removed from a styrofoam cooler, is scooped out to top individual servings of the winning baked pies and cake. The desserts that didn't get away were enjoyed by all at another get together of the Walleye Net.



Shown here, left to right, are Bernie Fox, W9MNX, cheese cake baker, of Fort Atkinson; Bill Komistra, W9OVZ, baker of apple pie, of Racine; and Norm Eshnger, W9YST, apple pie baker, of Naperville, Illinois. Photo by Ole Fox, K9AKG.

## CANDID PHOTO DEPARTMENT



Here are Wisconsin Section Manager (SM) Rich Regent, K9GDF, Milwaukee, and Lisa Harper, KA9RII (R-Eleven??) of Eau Claire, Manager of the Badger Emergency Net.

Roses are reddish..  
Violets are bluish..  
If it wasn't for Christmas  
We'd all be Jewish.  
(Author unknown)





Les Peterson, W9YCV  
9741 West Howard Avenue  
Greenfield WI 53228

The 1986 annual chapter meeting was held at the Downtonwer Motel, Green Bay, WI, on Saturday, October 18. One hundred three members, spouses, guests and visitors enjoyed a most tasty family style chicken and roast beef dinner.

After dinner, Chairman Baird asked for a round of self introductions. He then read the names of new members: Fred Wendt, W9ZAG; Joel Eschmann, K9MLD; Loren Ashwood, W9DH; James Breszee, K9VSO; Victor Hoffman, W9IDG; Harvey Nelson, N9FHO; R. N. Jensen, W0WLN, and Robert Barker, K9RIJ.

Recent Silent Keys names were read.

A Golden Anniversary certificate was presented to Gordy Fedder, W9YFW, by Chairman Baird.

After numerous door prizes were awarded, the ladies departed for their program -- a videotape of Great Radio Comedians.

A short break was taken for more "Eye-ball QSOs" followed by the business meeting.

In the meeting, four directors were elected. They were John LaBlonde, W9FZC, Gerald Van Den Wymelenberg, W9VOW, and incumbents Travis Baird, W9VQD, and Les Peterson, W9YCV.

In the board meeting, the following were elected as officers for 1987:

Chairman -- W9FZC  
Vice-Chairman -- W9IEM  
Secretary -- W9YCV  
Treasurer -- K9GDF

John Scarvaci, W9GIL, gave the constitution committee report. After a thorough study of the matter, the committee recommended against incorporating. The motion to remain unincorporated was approved by the members present.

Meeting locations for the 1987 Spring and Fall meetings were discussed, and it was decided to hold the Spring meeting in the

vicinity of Madison and return to Green Bay for the Fall meeting. Planning is to proceed immediately so that the meetings can be held on the customary first Saturday in June and first Saturday in October.

The business meeting was recessed briefly for the board to meet. After that, announcements were made, and then the meeting was adjourned. It was followed by the auction of "goodies" donated by members, with the proceeds going to the chapter treasury.

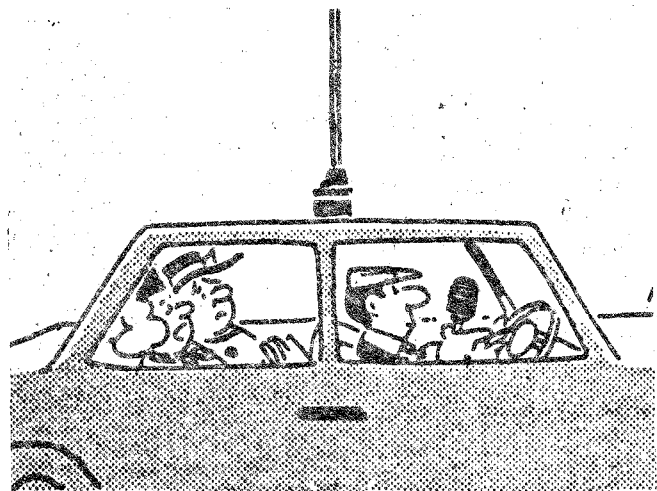
Thanks to Ray Brehm, W9AJH, for the donation of a new headphone set as a door prize.

Members, be sure to mark June 6th and October 3rd on your calendars and plan to attend the chapter's 1987 meetings.

ARRL Bulletin NR 84 from ARRL Headquarters, Newington, CT

October 24, 1986 - To All Radio Amateurs

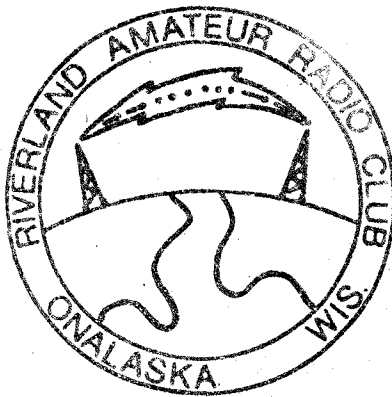
The Electronic Communications Privacy Act of 1986, most recently known as HR 4952, was signed into law by President Reagan on October 21. It now is known as Public Law 99-508. Meanwhile, the Senate report number 541 which explains the bill is at the printer. Requests for copies may be filed through the offices of Senators and Representatives. Additional information will be in the January issue of QST.



FRED'S IN CONTACT WITH EVERYONE  
BUT ME!

(Thanks The Ground Wave, St. Paul)

Happy Holidays to our readers from the BSSS staff: Ken Ebnetter, K9EN; Jim Decker, WB9UQT, and Jim Romelfanger, k9zz.

ADDITIONAL NOTES!

Something new at our Christmas Dinner this year will be the award presentation of "Ham of the Year." This deserving individual will be selected by our Club Officers from nominations submitted by you. We need your nominations written down on a sheet of paper with a short explanation as to why this person deserves it. Give your selection to one of the officers at the December meeting.

On November 5, 1986, at 7:40 p.m., the regular monthly meeting of the Riverland Amateur Radio Club was called to order by President Craig Goldbeck. Minutes of the October meeting were approved as read from the Badger State Smoke Signals. The treasurer's report was approved.

37/97 Report: Everything for the replacement of the antennas are ready to go, plans are being made to install them within the week.

VE Exam: December 16 is the next scheduled exam to be held at the Onalaska Community Center, get the needed information from Rich, KV9U.

Old Business: Reservations have been made at Knob Hill Restaurant by Dick, KØJYB, for our annual Christmas Dinner. This year, the dinner will be on January 17, 1987, at 7:00 p.m. We will be ordering off the menu.

It was noted that our club ranked 94th among 440 entries for Field Day last June.

The quotes have been received for club patches. A discussion was held on how many we should order and how they should be distributed. A motion was made and seconded that we do order the patches and how many to be determined by the Officers. The motion was passed.

The Club Officers are soliciting your nominations for "Ham of the Year." Write down on a sheet of paper who and why they would qualify as "Ham of the Year" and give it to one of the officers.

New Business: It was mentioned that we should consider ordering club jackets in the future. Information on this will be gathered and presented at the next meeting.

Total members present was 33. Meeting was adjourned at 8:04 p.m.

Program was a mini-swapfest.

Respectfully submitted:

Greg A. Miller

The program for our next meeting will be a display of model R/C boats. The local boat club will be bringing the boats in to display. The next meeting will be December 3, 1986, at 7:30 p.m., Onalaska Community Center. See you there.

MEMBERS PRESENT

1.	Ron Reed	KD9OY
2.	Herman Ludvik	W9HJV
3.	Raymond Buhr	AA9M
4.	Wid Johnson	W9DM
5.	Ralph Jahimiak	WA9OAE
6.	Ernie Gershon	K9ZVU
7.	Greg A. Miller	KA9FOZ
8.	Al Hoffman	KA9VWW
9.	Jack Yoshiziemi	W9KTD
10.	Gary Countryman	KD9RL
11.	Steve Pavela	KA9TSW
12.	Bill Winder	K9EGQ
13.	Arthur M. Osborn	WØJDC
14.	Bruce Bjerstedt	K9CUT
15.	Ray Wakeen	WA9HHM
16.	John Young	W9KAZ
17.	Charlie Burch	KA9UUK
18.	Knute Knutson	W9SFL
19.	Phillip Long	KA9RLI
20.	Dallas C. Miller	K9LEC
21.	Bill Kleinschmidt	N9FDE
22.	Ken Weigel	N9CDT
23.	Tom O'Brien	WB9BJQ
24.	Scott Neader	KA9FOX
25.	Bill Pike	K9FYZ
26.	Gary Webb	N19V
27.	Duane Fruechte	W9HWQ
28.	Jim Molhouse	W9BI
29.	Dick Low	KØJYB
30.	Al Reinholz	N9FZE
31.	Roger Reader	KA9BKK
32.	Craig Goldbeck	N9ETD
33.	Rick Williams	KV9U

(Continued on next page)

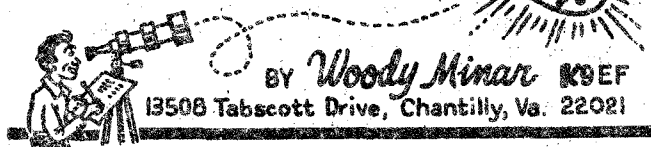


**NON-MEMBERS PRESENT**

Walter Altus  
Roger Lonquist  
Mary Johnson  
Jennifer Pavela

WD9GCR  
N9DMY  
Sara Pavela  
Phil Weigel

## PROPAGATION PREDICTIONS



The sunspots are on vacation and so is Woody. But never fear, Woody will be back next month!

## Eau Claire Club Demonstrates

By Lisa Harper, KA9RII  
514 Fall Street  
Eau Claire WI 54703

The Eau Claire Amateur Radio Club held our annual Amateur Radio demonstration October 24-26 at London Square Mall. About two dozen club members contributed their time and equipment.

We had four operable HF stations: a Kenwood 830, Kenwood 940, Kenwood 520, and an Icom 720 which was used to operate the TR 80 computer for RTTY.

The antennas used were dipoles for 80 and 40, a tribander, and a vertical. We had excellent signal reports this year, and the antenna committee is to be congratulated. This year, the antennas were constructed and erected several days prior to the weekend; the only task remaining on Friday, October 24, was dropping the feedlines down through the skylight and hooking them up to the rigs.

In addition to the HF stations, we also had an operable 2-meter all-mode setup. Several people had questions about this mode, and were given the opportunity to operate. We used 5/8 wave mobile antennas for this station and the 7950 at the Emergency Services table, which also displayed a handie-talkie, a large sign explaining ARES and Skywarn, and numerous handouts about severe weather.

Courage Center/Handi-Hams was represented, with handout material available.

We generated several messages, and, with our improved antenna system, were able to get them into the NTS nets promptly.

One new addition to the promotion this year was an ingenious map of the U.S. call areas. KD9YO labored to construct it in such a way that, when a push pin was used to mark where we had made a contact, the pins would flash with red LEDs.

This year, we had 2 VCRs and monitors set up, continuously playing the club videotapes. These include the Tornado Spotter's Guide, local productions about severe weather, and ARRL videotapes about Amateur Radio aimed at the general public. We found last year that this is an excellent way of attracting the attention of people passing by, often encouraging them to stop. The VCRs were placed on either side of our display area, next to the Handi-Ham table on one side, and the "handout" table on the other.

Also available was an article dispelling the fear of the code, and another giving a good, easily read explanation of all the facets of our hobby. On all the material was the phone number of W9NW, our Novice instructor. Only time will tell how many will call and perhaps join our ranks.

Several Novices and Techs took the opportunity to operate HF phone, and the gleam in their eyes promised more upgrades in the near future. One elderly gentleman who spent quite of time with us had let his General class license lapse ten years ago. He was amazed at the advances in the solid state equipment. Hopefully, he'll consider getting re-licensed.

A new mall opened recently in Eau Claire, and the traffic was down considerably because of the competition. Last year, the public was elbow to elbow; this year was quite another story. Considering everything, though, we'll call the weekend a success and well worth the time and effort.



# **WISCONSIN NETS ASSOCIATION**

## WISCONSIN NETS

NET	WNA	FREQ	UTC	CST	MANAGER
BWN	YES	3984	1200Z	0600	WD9IID
BEN	YES	3985	1800Z	1200	KA9RII
WSBN	YES	3985	2330Z	1730	WB9ESM
WNN	YES	3723	0000Z	1800	N9DGL
WSSN	YES	3645	0030Z	1830	N9BDL
WIN-E	YES	3652	0100Z	1900	WB9ICH
WIN-L	YES	3652	0400	2200	KC9CJ
NWTN	YES	34794	0030Z	1830	KD9VR
WCMTN	YES	31/91	0030Z	1830	KD9TT
GR.BAY	NO	72/12	0245Z	2045	WB9NRK
			THU	WED	

RESULTS OF NOVEMBER 1ST EXAMINATIONS IN STEVENS POINT X  
10 ATTENDEES 4 UPGRADED X KA9WCF TO TECHNICIAN X KA9EDX  
AND KA9TLZ TO GENERAL X KA9VGV WENT FROM NOVICE TO  
ADVANCED 73 - JOE N9JW VOL EXAMINER

### TRAFFIC TOPIX

Gene Santoski K9UTD  
Section Traffic Mgr  
Wisconsin Section

### SECTION MANAGER'S NOTES

October 1986

Richard R. Regent, K9GDF  
5003 South 26th Street  
Milwaukee WI 53221

Please let me know the dates for your group's or club's swapfests, picnics, dinners, and special events planned for 1987. I'll promote them in this column, in various newsletters, and will attend them if possible.

New officers for Wisconsin Chapter QCWA: Chairman W9FZC; Vice-Chairman W9IEM; Secretary W9YCV; Treasurer K9GDF; Directors W9VOW, W9VGD and K9YHO.

Sorry to report Silent Keys W9HBJ and W9JSF.

NK9D of Milwaukee is busy as ATC and OO helping others with wiring and filtering technical problems.

Start the New Year right like John, W9ADG, of Milwaukee: help newcomers practice code and study theory to become a Ham, and demonstrate the fun of making QSOs.

West Allis RAC Midwinter Swapfest January 10th at Waukesha County Exposition Center Forum, highways J and FT, with Amateur Exams available. See you at the ARRL table.

The Novice Roundup begins the end of January, help Novices to learn to operate their stations and get them on-the-air.

CAND REPORT FOR OCTOBER 1986 X 504 MESSAGES IN 31 SESSIONS X D9RN REPRESENTED 100 PERCENT X WISCONSIN STATIONS KA9RII W9DDV AND W9IEM X 73 - JERRY W5KLV NET MGR

9RN CYCLE 4 REPORT OCTOBER 1986 QNI 362 QTC 509 QTR 1005 IN 62 SESSIONS WISCONSIN PARTICIPATION 95 PERCENT STATIONS N9AUG W9CBE KC9CJ W9CXY WB9ICH K9UTD W9YCV 73 - PEGGY W9JUZ NET MGR

Hi once again. Well, today we got our first snow accumulation of the season here in the Rapids. I'm not quite ready for that yet. But, looking at the bright side of the season, the static levels are down and the long skip is in. More important than that, we have entered a new solar cycle and the anticipation of better propagation conditions in years to come. Good news for DXers!

At any rate, the Winter season brings with it an increase in net participation. And, of course, this is just what we want to see. If only we could keep it that way the year-round.

However, we are still plagued with the usual problems in traffic nets. NCS are still a bit behind in their reporting to NMs. Because of this, some NMs are a bit behind in getting month-end reports to me. All NCS should strive to get reports of their net sessions to the NM within three days after the net you controlled. Lets all try to improve on this matter.

I want to call the attention to all Net Managers of the article in the August 1986 QST on page 79. If you haven't read it please do so. There is a lot of good material in there. I know you all get QST or you wouldn't be net managers as an ARRL membership is a prerequisite to NM appointments.

Do you meet up to the ideals presented in the article?

A recent ARRL bulletin reminded traffic handlers that the proposed handling instruction HXH has not been adopted by the ARRL and so should not be used. HXH was proposed to mean, "If undeliverable as addressed, cancel message and do not send service message to originator."

There has been some strong opposition to this proposal from several traffic handlers, and the National Traffic System (NTS) staffers have not endorsed it. The objection is that HXH would represent a lowering of our standards: traditionally any message that gets into the system is supposed to be delivered or a service message sent to the originator, so that you can assume a message is delivered unless you hear otherwise. In addition, there is a fear that amateurs efforts to deliver other traffic may also suffer of HXH is adopted.

The proposal originated as a result of problems encountered in fair traffic, where large volumes of messages are received from the general public, often with guessed-at or incomplete addresses. Sometimes over-

worked operators get things wrong too, and a big stack of undelivered messages results. If we go by the rules, there will be an equally big stack of service messages coming to the originator - probably several days after the show station is dismantled, and its operators are now unable to do anything about the traffic, to furnish correct addresses or phone numbers as the senders can no longer be reached.

Traffic people say HXH is not the solution, but rather better organization of the show station. Get the name, address and phone number of the sender of each message, and keep it on file with the message itself. It may well be halfway across the country, but get it anyway. Then, if a service message comes you can contact the sender either to ask for better address, to say the message cannot be delivered, or to ask permission to cancel the message. If the sender is not within the local telephone area, send a radiogram. It may well change the sender's opinion of Amateur Radio from one of skeptical amusement to one of respect for serious communicators who spare no effort to deliver traffic. Amateur Radio can use all that kind of public support that it can get.

The new edition of the ARRL Net Directory should be available soon. I will have several copies on hand for those who desire them. They are now \$1 each so I don't stock as many as I used to. It think it is a good idea of have a copy at your operating position if you are a serious traffic handler as there is a lot of good helpful information between its covers.

A recent new publication by ARRL, affectionately called "Fred", is the ARRL field Resources Directory. This book is well worth the \$10 that it costs. It has a wealth of information in one handy volume for the avid amateur. To list just a few, it contains a 10 year QST cumulative index, a list of all Volunteer Examiners, League officials (by section), cumulative indexes to the ARRL Letter, QEX and Gateway publications. It also includes two books that were previously available separately - the RFI Handbook and the Public Service Communications Manual. There is a list of FCC offices, WIAW schedule, Amateur Message Form, ARRL Field appointment guidelines and a complete listing of equipment manufacturers and dealers addresses. There is much more but suffice to say, every amateur should have a copy in his shack.

About net memberships. To become a member of a Section or Local traffic net in Wisconsin, you have to participate in 30 of 90 sessions. Also, you have to be a permanent resident of the Wisconsin Section. We do have several out of Section people who are active in our nets who are issued certificates as "associate" net members. Net Managers inform me when participants qualify for membership and I then issue a Section/Local net certificate. This certification is renewed each year based upon continued regular participation in the net. I have been issuing little white renewal stickers as per NM requests. However, due to the cost of mailing some 240 renewals each year, I decided that I would not continue this procedure. However, I do maintain a computer data-base of all net members and I keep this updated when the Net Managers inform me that renewal is due. In this way, I can see who the active net members are from year to year. In other words, even though you will no longer receive a sticker for your net certificate, you will be renewed if you have been reasonably active in a net.

All ORS and NMs should be sending me their monthly Station Activity Reports either by mail or, more preferably, by radiogram on the air. These reports are required of these appointments. Also, please let me know if you have not been receiving the "ARRL Field Forum". This publication is sent quarterly to all League appointees.

I have been asked by Peggy Coulter, W9JUI, who is the NM for Ninth Region Cycle Four, to put out a plea for help on her nets. She is in desperate need for both liaison stations to and from Wisconsin as well as NCS stations. If you can possibly help with this, please write to Peggy and let her know. Her address is:

Peggy Coulter W9JUI  
RR 10 box 262  
Muncie, IN 47302

I am sure that Peggy will much appreciate any help you can give her. Her 9RN nets are on 3640 khz at 0145 and 0330Z daily. She can be found on those nets if you prefer to contact her that way.

Finally, I want to take this opportunity to wish you a very Merry Christmas and a very prosperous and Happy New Year! Keep up the good work and "talk traffic" to your fellow hams and try to get them involved. We need all the help we can get. Thank you very much and CU on the nets.

73, Gene Santoski K9UTQ

#### STATE GOVERNMENT LIAISON SOLVES ZONING PROBLEM

From the ORC Newsletter:  
(Ozaukee Radio Club)

Our Wisconsin ARRL State Government Liaison (SGL) John Ackermann, AG9V, continues to help solve problems on the local scene. Here's another example.

City of De Pere zoning authorities ordered a local ham to remove his approximately 40-foot high tower because it violated the local zoning ordinances - which if construed literally would ban nearly all towers. After discussion with City officials, it turned out that they were specifically concerned with the location of the tower in the side yard. An agreement was reached, with the City's blessing, to move the tower to the back yard. An increase in height was allowed to boot.

If you hear of someone in Wisconsin who may need legal help with an Amateur Radio problem, send John the information, the question, and an s.a.s.e. for a reply. Should you happen to know of someone who has solved a knotty problem, send that along too. By working together and sharing information we can provide hope for struggling individually and keep our operating privileges.

#### COMPUTER AND ELECTRONICS SWAPFEST

Sunday, December 7, 1986, 0800-1700. Buy, Sell, Swap Electronics. Food & Spirits Restaurant, Hwy. 44, Ripon, WI. Super Brunch - 32 feet of food. Call Terry, (414) 390-3868 for vendor details.



# THE WISCONSIN PACKETEER

WISCONSIN AMATEUR PACKET RADIO ASSOCIATION  
P.O. BOX 1215  
FOND DU LAC, WI 54935

\*\*\*\*\* NEW OPERATORS IN THE AREA \*\*\*\*\*

\*\*\*\*\* NEWS FROM THE OTHER SIDE OF THE STATE \*\*\*\*\*  
BY W9EQP

AS OF A RECENT MEETING IN BALDWIN WI. IT LOOKS AS THOUGH THAT AREA WILL BE PUTTING INTO OPERATION A WIDE AREA COVERAGE DIGIPEATER. I DON'T KNOW ALL OF THE SPECIFICS, AS I PERSONALLY DID NOT ATTEND. IT WAS REPORTED TO ME THE SITE WILL BE IN BALDWIN AREA, IT WILL BE RUNNING A KPC-1 AND ABOUT 80 WATTS TO A RINGO RANGER OR EQUIVALENT ANTENNA. THE SITE IS TO BE SHARED WITH THE ARMY M.A.R.S. REPEATER ON THE SAME TOWER. JUST A NOTE, I CAN HIT THE M.A.R.S. REPEATER SITTING IN MY FRONT YARD WITH AN HT ON LOW POWER (IE. 500 MW) AND HAVE NEVER HAD ANY PROBLEM HEARING IT, SO IT SHOULD BE QUITE A SITE AND A NICE ADDITION TO THE LAN IN THIS NECK OF THE NORTH WOODS.

\*\*\*\*\* STATUS OF EAU-1 \*\*\*\*\*

THIS STATION IS IN THE PLANNING STAGES OF BRING EAU-1 BACK ON THE AIR, AS YOU MAY KNOW, THE SITE WAS HIT BY LIGHTNING AND THE DIGIPEATER WAS ALMOST TOTALLY DESTROYED BY THE HIT. THE TNC WAS FRIED (TO A CRISP) AND EVERY CHIP IN THE GLB UNIT HAD TO BE REPLACED. CREDIT SHOULD GO TO WD0GBB FOR PUTTING THE DIGI ON THE AIR, BUT AS OF LATE HE IS VERY UNSURE IF HE INDEED WANTS TO PUT THE THING BACK ON THE AIR DUE TO IT'S PAST TRACK RECORD. BUT EAU-1 SHALL BE RESURRECTED FROM IT'S ASHES AND WILL BE A BETTER STATION AS WELL. HOPES ARE HIGH, AND MOST ARE OPTIMISTIC AS TO THE FATE OF THE DIGI. THE PLANS ARE TO PUT A NEW PAC-COMM SINGLE PORT DIGIPEATER TNC OUT AT THE 200 FOOT SITE FED WITH 1/2 HELIAX TO AN 11 ELEMENT BEAM POINTED AT EITHER ST. PAUL (W0TN OR WD0GBB) OR STEVENS POINT (K09NV) POWER OUTPUT SHOULD BE SUFFICIENT TO REACH BOTH OF THESE SITES AND HAVE A VIABLE LINK TO THE EAST OR WEST WHICH AT THIS POINT IS NOT THE CASE WITH WD9HFT. IF YOU HAVE ANY COMMENTS, DIRECT THEM TO: W9EQP, 2122 TAFT AVE. EAU CLAIRE, WI. 54701-6722.

PACKET RADIO'S ERROR-FREE MESSAGE HANDLING CAPABILITIES WILL BE PUT TO A TEST ON DECEMBER 2. FOR THE FIRST TIME, THE GENOA NUCLEAR PLANT EMERGENCY DRILL WILL INCLUDE AMATEUR RADIO INVOLVEMENT AND SPECIFICALLY A TEST OF PACKET COMMUNICATION CAPABILITIES BETWEEN STODDARD, WISCONSIN, JUST NORTH OF GENOA AND SOUTH OF LA CROSSE, AND MADISON'S DEPARTMENT OF EMERGENCY GOVERNMENT. AMATEURS FROM BOTH THE VERNON COUNTY A.R.E.S. AND THE LA CROSSE COUNTY A.R.E.S. WILL BE MANNING THE PACKET EQUIPMENT IN THE STODDARD AREA. DANE COUNTY OPERATORS WILL BE HANDLING THE MADISON END. WITH THE RECENT ADDITION OF THE WA9FIO-1 DIGIPEATER NEAR LA CROSSE AND RAY'S AA9M STATION IN VIROQUA, SOLID CONNECTIONS ARE NOW POSSIBLE BETWEEN THE LA CROSSE AREA AND MADISON THROUGH WA9SOB-2. A FAIRLY SOLID LINK SHOULD ASSIST IN DEMONSTRATING PACKET RADIO'S ABILITY TO PROVIDE EMERGENCY COMMUNICATIONS DURING THIS EXERCISE.

A FULL REPORT WITH THE RESULTS WILL FOLLOW IN NEXT MONTH'S BSSG.

THE LIST OF STATIONS ON PACKET IS GROWING AND EXPANDING QUITE A BIT AS OF LATE. LOTS OF HAMFEST PURCHASES HAVE BEEN TNC'S WITH MORE AMATEURS THAN EVER INTERESTED IN PACKET. IN EAU CLAIRE ALONE, THREE MORE STATIONS WENT ONLINE AT THE SAME TIME (SAME HAMFEST, SAME CAR) THEY ARE: K9UXP, W9NNS, AND W9FAC. THE ACTIVITY HAS SPREAD TO EVEN RURAL AREAS, KB9S IS ALSO ON AND OPERATING WITH A PK-64 AND ITS ASSOCIATED HOST COMPUTER.

\*\*\*\*\* NEW LASER 128 \*\*\*\*\*

THIS STATION NOW HAS THE NEW LASER 128, OR APPLE //C COMPATIBLE AS IT MIGHT BE KNOWN. THE COMPUTER HAS MOST OF THE SAME FEATURES AS THE //C, BUT WITH A FEW VARIATIONS. FIRST AND THE BEST MODIFICATION FROM THE //C IS THE ADDITION OF A 50 PIN EDGE CONNECTOR, TO WHICH YOU CAN CONNECT CARDS FROM THE ORIGINAL APPLE SERIES, IE. MEMORY CARDS, ACCELERATORS, ETC. THIS IS A WONDERFUL ADDITION TO THE COMPUTER AND THE MOST SIGNIFICANT DIFFERENCE BETWEEN THE LASER AND THE //C. NEXT ON THE LIST IS THE BUILT-IN PORTS, 1 OR 2 SERIAL PORTS, OR A PARALLEL PORT, THAT MOST PRINTERS USE. ON THE KEYBOARD SIDE OF THE COMPUTER THERE IS THREE SWITCHES, ONE TO CONTROL 40 OR 80 COL DISPLAY, ONE TO CHANGE BETWEEN MONOCROME OR COLOR OUTPUT FROM THE COMPOSITE VIDEO CONNECTOR. THE LAST, SWITCHES BETWEEN THE USE OF THE PARALLEL OR THE SERIAL PORT FOR OUTPUT FROM PORT NUMBER 1. THERE ARE SEPARATE CONNECTORS FOR EACH PORT, THE SERIAL IS A 5 PIN DIN AND THE PARALLEL IS A DB-15 AND THE SWITCH IS USED TO ACTIVATE THE APPROPRIATE OUTPUT FOR PORT NUMBER 1. SEVERAL PEOPLE HAVE ASKED ME IF THE THING WORKS AS GOOD AS A //C AND WILL IT RUN ALL OF THE APPLE PROGRAMS, "I BOUGHT AN IBM COMPATIBLE AND IT WON'T RUN SOME OF MY PROGRAMS, IS THAT THE CASE WITH THE LASER?" I BELIEVE THAT FOR THE PRICE THE THING CAN'T BE BEAT, WITH THE INTERNAL DISK DRIVE, 128 KB OF MEMORY, 80 COL. AND 2 SERIAL AND 1 PARALLEL PORTS, I THINK THAT IT IS BETTER THAN THE //C! ON THE OTHER ISSUE, WILL IT RUN ALL THE PROGRAMS, IF THIS IS ANY INDICATION, I HAVE YET TO FIND A PROGRAM THAT WON'T. APPLEWORKS RUNS FINE AND ALL OF THE OTHERS DO AS WELL, ONE MINOR CHANGE IS THE OPEN AND CLOSED APPLE KEYS, THEY ARE TRIANGLES, AS TO NOT INFRINGE ON APPLE'S COPYRIGHT, THIS IS ONLY A SMALL DIFFERENCE FROM THE //C.

ONE THING I WOULD ALSO LIKE TO STATE, MANY PEOPLE WOULD LIKE TO RUN PACKET ON THE 80, CAN THIS BE DONE AS WELL? SURE! ALL YOU NEED IS THE LCD DISPLAY AND BATTERIES OR SOME OTHER SOURCE OF 15 VOLTS D.C. AND YOU HAVE A PORTABLE PACKET STATION THAT YOU CAN DO YOUR TAXES ON IN THE LULLS OF OPERATION.

WELL I MIGHT NOT HAVE TOUCHED ON EVERY ITEM IN THIS SMALL ARTICLE AND MIGHT HAVE OMITTED SOMETHING OTHERS FEEL ARE VERY IMPORTANT, IF YOU HAVE A SPECIFIC QUESTION YOU CAN REACH ME AT THE ABOVE ADDRESS OR ON WA9KEC OR W9LZQ-1 883'S. ONE OTHER THING, PRICE, LIST IS \$389.95 BUT AT MAJOR MAIL-ORDER COMPUTER STORES YOU CAN GET IT FOR LESS, ONE AD WAS \$355.00. SO THERE YOU HAVE IT, A POWERFUL COMPUTER WITH A LOT OF POTENTIAL FOR THE PRICE OF A COMMODORE SYSTEM, AND ITS A BETTER COMPUTER TO TOP IT OFF. IF YOU ARE LOOKING TO GET INTO A COMPUTER AND DON'T KNOW WHICH TO CHOOSE, THINK TWICE ABOUT THE LASER 128 WHEN YOU SCAN THE ADS IN THE BSSG.

73 FROM W9EQP IN EAU CLAIRE

\*\*\*\*\*  
 \* WISCONSIN BULLETIN BOARDS \*  
 \*\*\*\*\*

CALL	LOCATION	FREQ.	PATH	NOTES
WA9KEC	N. PRARIE	145.01	BVD OR WB9SDA-1	GATEWAY TO 145.09
W9WI-1	MADISON	145.01	WA9SOU-2 >N9IF >	
AG9V	GREEN BAY	145.01	K9DHR OR K9JQE OR WA9SXN	
W9LZQ-1	ONALASKA	145.01	WA9SOU-2 >AA9M >LSE	
W9ZBD	RHINELANDER	145.01	WA9SOU-2 >KD9NV >N9CLE-1 >	
KD9NV	STEVENS POINT	145.01	WA9SOU-2 >	
WB9OWN	FRANKLIN	145.01	BVD OR WB9SDA-1 OR WA9KEC	GATEWAY TO 20 MTRS
WD9DHI	CEDARBURG	145.09	VIA WA9KEC GATEWAY	GATEWAY TO 20 MTRS

\*\*\*\*\*  
 \* PARTIAL LIST OF DIGIPEATERS IN WISCONSIN ON 145.01 \*  
 \*\*\*\*\*

CALL	ALIAS	LOCATION	ACCESSED FROM
WB9SDA-1	NONE	BROWNSVILLE	WA9SOU-2, WA9KEC, NF9R, WB9ZRE, K9JQE, N9AXV-9, K9DHR
WA9SOU-2	NONE	NORTH FREEDOM	WD9HOZ, N9IF, WA9KEC, WB9ZRE, KD9NV, KA9JDE, KC9WQ
WA9KEC	NONE	NORTH PRAIRIE	WB9YLR, WB9SDA-1, KA9JDE, WA9SOU-2, NF9R, WB9EEA-1
KA9JDE	BVD	BEAVER DAM	WB9SDA-1, WA9KEC, KC9WQ, WB9ZRE, WA9SOU-2, N9AXV-9
WA9SXN	NONE	GREEN BAY	WB9SDA-1, K9DHR, K9JQE, AG9V, N9AXV-9
K9JQE	NONE	GREEN BAY	WB9SDA-1, K9DHR, NF9R, N9AXV-9, AG9V
K9DHR	NONE	KAUKAUNA	WB9SDA-1, NF9R, K9JQE, WA9SXN, WB9ZRE, N9AXV-9
NF9R	NONE	PLYMOUTH	WB9SDA-1, WA9KEC, K9DHR, WA9SXN, WB9ZRE, N9AXV-9
N9AXV-9	NONE	MANITOWOC	NF9R, WB9SDA-1, KA9JDE, K9DHR, WB9ZRE
KB9IS	NONE	EDGERTON	WA9KEC, WB9SDA-1, KA9JDE, NF9R, WB9ZRE, N9AXV-9
KD9NV	NONE	STEVENS POINT	WA9SOU-2, WD9HFT, N9CLE-1, WB9ZRE
W0AIH-1	EAU	BRACKET	WD9HFT, N9EQP
N9CLE-1	NONE	TOMAHAWK	KD9NV, W9ZBD, WB9ZRE
WA9FIO-1	LSE	LA CROSSE	AA9M, WD9HFT, W0MXW-1, WA9SOU-2
AA9M	NONE	VIROQUA	WA9SOU-2, WA9FIO-1
KD9JK	JVL	JANESVILLE	WA9KEC, WB9EEA-1, WB9YLR
WD9HFT	NONE	CHIPPEWA FALLS	KD9NV, WA9FIO-1, W0MXW-1, N9EQP
WB9ZRE	WB9ZRE-1	RIPON	WA9SOU-2, KA9JDE, WB9SDA-1, KC9WQ, KD9NV, K9DHR, N9AXV-9, NF9R, K9JQE
KC9WQ	RPN	RIPON	WB9SDA-1, KA9JDE, WB9ZRE, WA9SOU-2

ONE MORE NOTE: N9AXV-9/N9AXV-2 SYSTEM

BY CONNECTING TO N9AXV-2, YOU WILL BE IN A CONFERENCE MODE. SEVERAL STATIONS CAN CONNECT TO N9AXV-2 AT ONCE AND HOLD A CONFERENCE. EACH STATION WILL SEE WHAT THE OTHER STATIONS SEND TO N9AXV-2. CAN BE A FUN WAY TO MEET PEOPLE ON PACKET. TRY CONNECTING TO N9AXV-2 VIA WB9SDA-1 AND SEE IF ANYONE ELSE CONNECTS WITH THE CONFERENCE BRIDGE.

LISTS COMPILED BY KA9JDE AND WB9ZRE - 11/86



# EAU CLAIRE A.R.C.

The next meeting of the Eau Claire Amateur Radio club will be held on Tuesday, December 9, 1986 at the American Legion hall on Water St., in Eau Claire.

Lunch committee: The whole club.

Old business:

Tommy, WA9WRM, reported that a request had been made for volunteer operators for the upcoming Frigid 8 race to be held on December the sixth. The race is eight miles long beginning at the Lowes creek school.

Also a letter of thanks was received from the Sunrise Kiwanis Club of Chippewa Falls and from the Crop Walk committee.

Lisa, KA9RII, reported that the mall project was a success with approximately 24 people participating.

There were 4 hf rigs, one 2 meter all mode rig and a RTTY setup. It was well received by the public, with numerous inquiries made and Liz, W9EQR, represented the Handi-Ham system at the project this year. President Yost, KD9DB, thanked all who participated in making the mall project a success.

A letter has been sent out for control operators to be selected by the trustees of the repeaters.

Don, K9UXP, Reported that many people were involved in getting both repeaters back on the air. Bill, W9ULA, received a resounding round of thanks from the club for his many hours of work on the repeaters. Also, a round of thanks to Bob, W9BAR, Don, K9UXP, and Joe, KB9R, for all of their help. Don, K9UXP, also reported the possibility of a tower being available in the township of Hallie. President Yost, KD9DB suggested the ground work for the possibility of the repeater being moved be made. However, as long as the repeater is now working it will be left in it's present location.

Carl, W9NW, reported that of the people who took the last Amateur Radio exams, 7 passed and 4 failed. If four or more people would like to take an exam, they should contact Carl, W9NW.

On Tuesday December 9, the Eau Claire Amateur Radio Club will hold their annual Christmas Party. It will be held at the American Legin Hall on Water St. in Eau Claire. Happy Hour will be from 5:30 pm to 6:30 pm, dinner will be from 6:30 pm to 7:30 pm, and the meeting including election of officers will be held at 7:30 pm. Bring a dish to pass as ham, coffee and soft drinks will be furnished by the club. The following members were presented by the nominating committee and approved by club membership: President- Phil, KA9LJK, Vice-President- John, KA9RZL, and Mike, WD9DLN, Secretary- Robin, NI9R, and Steve, KD9YD, Treasurer- Darold, N9FLK, and Terry, KA9VQP.

The program for the November meeting was a very interesting talk on the International Mission Radio Association by Brother Bobn KOVNW. The International Mission Radio Association was founded in Hudson, NH in 1963. The International Mission Radio Association's mission is to help missionaries of all demoninations

keep in contact with their families, and help missionaries get on the air by providing them with equipment. The International Mission Radio Association net meets Monday thru Saturday at 1800-1900 UTC on a frequency of 14.280 MHz. Further information can be received by writing Br. Bernard Frey, O.F.M. Cap., 1 Pryer Manor Rd., Larchmont, NY 10538.

Remember, repeater and club dues are due now. Contact Lisa.

Respectfully submitted,  
N9FLK-Darold -- Secretary EARC

## \*\*\*\*\* FROM THE TREASURER \*\*\*\*\*

As stated in the newly revised BY-LAWS of the ECARC, the following changes in the dues structure are now in effect. For the calendar year of 1987, the PRIMARY club member will pay \$6.00, and any ASSOCIATE members in his household will pay \$3.00; the PRIMARY repeater member will pay \$10.00, and any ASSOCIATE members in his household will pay \$5.00. Club and repeater dues must be paid BEFORE January 1, 1987. After this date, a fee of \$2.00 will be charged for re-instatement. (ARTICLE V, Sec. 3 and 4). Please remember to pay your dues before January 1 in order to avoid the re-instatement fee. If paying by mail, please enclose an SASE. To pay dues, or if you have any questions, contact Lisa Harper, KA9RII, 514 Fall Street, Eau Claire, WI 54703. 839-8516.

## EAU CLAIRE AMATEUR RADIO CLUB - ELECTION OF OFFICERS

For those who cannot make the December meeting and wish to vote, please use the following ballot and circle the names of the candidates you wish to vote for and send you ballot to the secretary.

President:

Phil Spratt, KA9JLK

Vice-President:

John Rusfeldt, KA9RZL

Mike McAlister, WD9DLN

Secretary:

Robin Ford, NI9R

Steve Harr, KD9YD

Treasurer:

Darold Patrow, N9FLK

Terry Girard, KA9VQP





# YELLOW THUNDER ARC

The November 12, 1986 meeting of the the Yellow Thunder Amateur Radio Club, Inc. was held at the Baraboo Civic Center.

The following members and guests were present:

Jim Decker, WB9UQT	Baraboo
Art Kleefisch, W9WSS	Baraboo
Harold Reif	Baraboo
Bill Klinkner,	Sauk City
Anne Klinkner	Sauk City

There being no quorum present, no formal meeting was held.

Several items were discussed among the members present, including Club officers for 1987, antique radios, and communication analyzers.

The informal meeting was continued at the Country Kitchen where the gang was joined by Ken Ebner, K9EN.

The next meeting will be the annual Christmas gift exchange meeting, so come and bring a small gift to exchange.

## YTARC BIRTHDATE:

Jim Romelfanger K9ZZ	December 6
Ruth Familetti	December 18
Duane Grotophorst KA9HKL	December 31
Art Kleefisch W9WSS	December 20

## SENTENCE SERMON

Sing the song of great joy that the angels began,  
Sing the glory of God and of good will to man.

---John Greenleaf Whittier

## NTS TRAFFIC TO HQ

Recently there has been a spate of messages arriving at the WIAW-4 packet bulletin board or via NTS that relate to league business. FCC rules disallow use of Amateur Radio for communication involving the "regular business" of any organization, and that includes the ARRL!. While ARRL volunteers, such as officials of the Field Organization, can discuss League affairs with one another on the air, communication with a paid employee of ARRL regarding League business is forbidden. Business traffic, in this context, means not just financial transactions, but ANY activity that an ARRL employee is paid to do, which covers just about everything that is done at HQ. Please exercise discretion when sending messages to HQ. If you have any doubt about the propriety of a message, call or write INSTEAD.

(Thanks The ARRL Letter)

## SILENT KEY.....

IT IS WITH DEEP REGRET THAT WE RECORD THE PASSING OF ROBERT R. RODDY - N9BNI, AGE 48, AT HIS RESIDENCE IN MONTELLO, WISCONSIN ON NOVEMBER 18, 1986.

BOB WAS BORN IN SOUTH MILWAUKEE, WISCONSIN ON APRIL 21, 1938 TO WILLIAM AND IVA (SMITH) RODDY.

HE ENTERED THE U.S. MARINE CORPS IN 1956 AND SERVED THREE TOURS OF DUTY IN THE VIET NAM CONFLICT AS AN UNDERWATER DEMOLITIONS EXPERT. HE RETIRED FROM THE SERVICE, AFTER 20 YEARS OF ACTIVE DUTY, IN 1976 AT THE RANK OF STAFF SERGEANT.

ON DECEMBER 20, 1983 HE WAS MARRIED TO AUREA MEYOR MERCURIO IN SAIPAN, GUAM. BOB WAS A CHARTER MEMBER OF VFW POST #8340 OF MONTELLO SERVING AS A SURGEON OFFICER, A MEMBER OF THE FIRST MARINE DIVISION ASSOCIATION OF VIRGINIA, NATIONAL RIFLE ASSOCIATION AND A CHARTER MEMBER AND PAST OFFICER OF THE GREEN FOX AMATEUR RADIO CLUB.

SURVIVORS INCLUDE HIS WIFE AUREA OF MONTELLO, AN AUNT, LILLIAN HEBRANK OF GREENVILLE, IL., TWO COUSINS, MARY (STEVE) HOILES OF GREENVILLE, IL., JUDY SCHAUFELBERGER ALSO OF GREENVILLE, IL, AND OTHER RELATIVES AND FRIENDS.

MILITARY GRAVESIDE SERVICES WERE PERFORMED AT THE OXFORD CEMETARY AT 1:30 P.M. ON FRIDAY, NOVEMBER 21.

BOB BECAME A AMATEUR RADIO OPERATOR IN 1979 AND HELD A GENERAL CLASS TICKET. HE WAS VERY ACTIVE IN THE GREEN FOX AMATEUR RADIO CLUB AND WOULD ALWAYS LEND A HELPING HAND WHEN IT WAS NEEDED. HE WAS A TRUE FRIEND IN EVERY SENSE OF THE WORD AND WILL LONG BE REMEMBERED BY THOSE WHO KNEW HIM.

DE GREEN FOX AMATEUR RADIO CLUB (VIA WB9ZRE)

## WRITTEN EXAMINATION CREDIT

The FCC has issued its Report and Order and PR Docket 86-63 allowing examination credit for written elements passed above the Novice class.

We had briefly discussed this docket in the October 13 issue of The ARRL Letter based on an FCC news release. The release stated that the new rules would go into effect December 1, but in the text of the Report and Order, the date has been moved back to December 15, 1986, contingent upon the Office of Management and Budget approval of the revisions necessary to FCC Form 610.

In the R&O, FCC states "The present method of first requiring successful completion of the telegraphy examination elements reflects the former needs of the FCC when we administered examinations. Under the volunteer examination system, it is clear that there is no reason to disallow credit for a written element passed within the previous year. If VEs find it useful and convenient to administer a written element to an applicant who has failed the telegraphy element or to

administer written elements before telegraphy elements, they should be able to do so."

The Commission will also extend examination credit to those awaiting the arrival of their first FCC license, especially those who have passed Elements 1(A) and (2) under the Novice VE system. Since these candidates usually have no Certificate of Successful Completion (CSCE), they will be given examination credit on the basis of a photocopy of their pending application.

FCC will continue to require submission of a Form 610 before examination and to require the administering VEs and the coordinating VEC to forward an application only when the candidate has completed all elements required for the license.

The following are the exact rule changes:

#### 97.25 Examination credit.

(b) Upon presentation of a certificate of successful completion of an examination (see Section 97.28(e)) for any examination element examiners shall give applicants for Amateur Radio operator licenses examination credit for any element that has been successfully completed within the previous 365 days. Examiners shall give applicants credit for Element 1(A) or 2 upon presentation of a photocopy of FCC Form 610 which has been submitted to the FCC indicating the applicant has qualified for the Novice operator license within the previous 365 days.

#### 97.28 Examination administration

(e) A certificate of successful completion of an examination will be issued by the examiners to an applicant who successfully completes an examination element coordinated by a VEC under Subpart I. A certificate is valid for a period of 365 days from the date of its issuance.

(Thanks The ARRL Letter)

#### ARRL POTPOURRI

The Net Directory is almost at the printer and should be available in mid December. About 160 new nets have been added to this edition. This edition will be quite distinctive; it will feature a gold cover!.. Over 23,000 copies of the Archie Comic Book have been shipped.... The Golden Jubilee DXCC Award continues to receive excellent publicity in various foreign journals. It appears that the award is going to be quite popular.... There was a good representation of HQ staff in CW SS. Active stations include K1ZZ, K1XA, KJ4KB, W1GNC, WA3VIL, NJ2L, WB4FDY, KH6CP, AA2Z, W1OD, KA1CV/Mobile, NG1F (K9CH op.), WA1MBK (GRP 3W), and AK7M.

(Thanks The ARRL Letter)

Don, W9---, was given a jigsaw puzzle that keeps him happy for hours -- it has three pieces.

This brings us to to the end of another BSSS. Hope you all have a Merry Christmass and a Happy New Year.

73 de bsss staff

#### ANTENNA RAISING INCIDENT

Author unknown

I'm writing in response to your request for additional information for block no. 3 of the Accident Report Form previously sent in which I listed the cause of the accident as "Poor Planning". To answer your request for more detail, I trust that the following will be sufficient.

I am an Amateur Radio operator and on the day of the accident, I was working alone on the top section of my new 80 foot tower. I had completed my work when I discovered that I had, over the course of several trips up the tower, I had brought up about 300 pounds of tools and hardware. Rather than carry the now unneeded tools and materials down by hand, I decided to lower the items down in a small barrel using the pulley attached to the gin pole on the top of the tower.

After securing the rope at ground level, I went to the top of the tower and loaded the items into the barrel. I went back to the ground and untied the rope holding it tightly to insure a slow descent of the 300 pounds of tools. You will note in block no. 11 of the accident report form that I weigh only 155 pounds.

Due to my surprise at being jerked off the ground so suddenly, I lost my presence of mind and forgot to let go of the rope. Needless to say, I proceeded at a rather rapid rate of speed up the side of the tower. In the vicinity of the 40 foot level I met the barrel coming down; which explains my fractured skull and broken collarbone. Slowed only slightly, I continued my rapid ascent, not stopping until the fingers of my right hand were two knuckles deep into the pulley.

Fortunately, by this time, I had regained my presence of mind and was able to hold onto the rope in spite of the pain. At about the same time, however, the barrel of tools hit the ground and bottom fell out of the barrel. Devoid of the weight of the tools the barrel now weighed about 20 pounds. I refer you again to my weight in block no. 11. As you might imagine, I began a rapid descent down the tower. In the vicinity of the 40 foot level, I met the barrel coming up which accounts for the two fractured ankles and the lacerations on my legs and lower body.

The encounter with the barrel slowed me enough to lessen my injuries when I fell onto the pile of tools, and fortunately only three vertebrae were cracked. I'm sorry to report, however, that as I lay there on the tools, in pain, unable to stand, and watching the empty barrel 80 feet above me, I again lost my presence of mind. I let go of the rope.

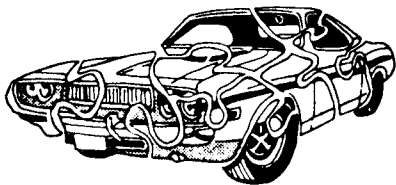
MOOSE STEW

by Joyce Matzkres

From Anchorage A.R.C. Alaska (via ARNS)

Take one large moose and cut it up in small pieces. This should take about 4 days. Cook it all at 400 degree in a large pot. This will take another 4 days. Add a little flour. This should feed 400 people. You may add a rabbit to it if you have more to feed. However, only add the rabbit if really necessary, as no one likes hare in their stew!

# Badger State Boosters



## P & B AUTO PARTS

P. O. Box 190 133 WATER ST.  
BARABOO, WISCONSIN 53913



## RHYME SUPPLY INCORPORATED

122 EAST COOK STREET PORTAGE, WIS.

COMPLETE LINE OF OFFICE MACHINES - FURNITURE - COMPUTERS

TELEPHONE  
608-742-3747-5371

KEN HUTLER



RICHARD O. LUST, CAI  
Certified Auctioneer/Broker  
(608) 258-0024

**K9APW**

## LUST AUCTION SERVICES

(608) 833-0011 / 258-8880

7552 Pioneer Place

Verona, Wisconsin 53593

(Statewide Service To Hams - Since 1975)

Auctioneering



Real Estate

**Darrow's**

## COUNTRY MARKET

TOTAL DISCOUNT FOODS

935 8th Street • Box 90

Baraboo, Wisconsin 53913

356-2106

We Buy Aluminum Cans



CHECK OUT OUR...  
**EVERYDAY  
LOW PRICES**



The  
Performance  
Company

## TURNER'S Broadway Liquor Mart

And Self-Serve

Open 6:30 am to 11:00 pm - 7 Days a Week

Beer - Liquor - Wine

**GAS**

805 Broadway

Baraboo, Wis. 53913

356-9488

AMIGA C-64, C-128	<b>THE SOFTWARE SHOPPE</b>	LEADING EDGE ATARI-520ST
344 S. MILITARY RD. FOND DU LAC, WI 54935 414-921-8448		
COMPUTERS - SOFTWARE - PRINTERS - SUPPLIES		
WA4COY	KEN R. MORAN	

## Baraboo Floral Company

1406 East Street

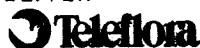
BARABOO, WISCONSIN 53913

FLOWERS FOR ALL OCCASIONS

BUY FROM A GROWER

We wire flowers almost everywhere

PHONE 356-5336 - WE DELIVER



**Giegerich's Sons  
Inc.**

514 Park Avenue

PRAIRIE DU SAC, WISCONSIN 53578

"Sauk Prairie's Quality Printers  
and House of Office Supplies"



## COMPUTERS

Leading Edge - Televideo - N.E.C. - Altos

## PRINTERS

Okidata - Olympia - Data South - Toshiba

N.E.C. - Star

## SUPPLIES

Software - Cables - Paper - Ribbons

## Leisure World

612 South Boulevard

Baraboo, Wisconsin 53913

(608) 356-5280

## TROYER *Rexall* DRUGS

JACK D. TROYER, R.P.H. DAVID M. FUHS, R.P.H.

106 - 4th AVE. PHONE 356-4564

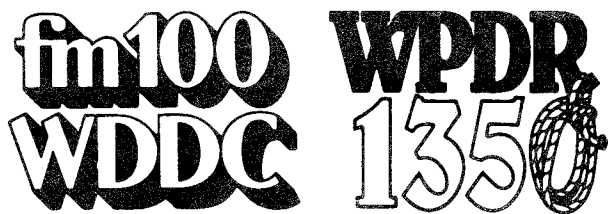
BARABOO, WISCONSIN

"Good Health Is Our Business"

WE MAINTAIN A COMPLETE RECORD OF ALL  
YOUR FAMILY'S PRESCRIPTION PURCHASES



# Badger State Boosters



PORTAGE, WI



AFFILIATED WITH



## THE ORIGINAL MIDWINTER SWAPFEST

WAUKESHA EXPOSITION CENTER  
HIGHWAYS F & FT  
WAUKESHA, WISCONSIN

WARRAC SWAPFEST  
P.O. Box 1078  
MILWAUKEE, WISCONSIN 53201



## Radio Shack

### VODAK TV SALES

COLOR TV • B & W TV  
TOP TUNES • RECORDS • LP • STEREO  
TV ANTENNA SYSTEMS • CB • SCANNERS

We Stock  
COMPUTERS  
VCR's

PHONE 356-6666

Antenna Wire and Insulators  
Coaxial Cable and Connectors  
Coaxial Adapters

404 Oak Street

BARABOO, WIS. 53913

We now sell & install Satellite TV systems

HAM IT UP EVERY SPRING

## MADISON SWAPFEST

DANE COUNTY EXPO CENTER  
FORUM BUILDING

Sponsored By MARA WB9AER

Box 3403 - Madison, Wis. 53704

## AMATEUR ELECTRONIC SUPPLY®

4828 W. Fond du Lac Avenue  
Milwaukee, WI 53216  
Phone: (414) 442-4200

Wisconsin WATS: 1-800-242-5195  
(Call TOLL FREE outside of Milwaukee Metro area)

HOURS: Mon. thru Fri. 9-5:30; Sat. 9-3

## SOUTH MILWAUKEE AMATEUR RADIO CLUB

### SWAPFEST

July 12, 1986  
(Held Every July)

American Legion Park  
Shepard Ave. Oak Creek, WI

South Milwaukee ARC

P. O. Box 102

South Milwaukee, WI 53172



SUPERMARKETS INC.

When in the Area Shop Our Baraboo, Portage  
North, Portage Downtown, Pardeeville and  
Fox Lake Wisconsin Stores.

SUPPORT YOUR LOCAL AMATEUR RADIO  
CLUB — JOIN TODAY!

## Riverland Electric Co.

Commercial - Residential - Industrial

Serving La Crosse and Surrounding Area

KEN WEIGEL  
783-4967

W/6465 Juline Way  
Onalaska, WI 54650

73 Amateur Radio's  
Technical Journal

A publication of CW Communications/Inc.,  
the world's leading publisher of computer-  
related newspapers and magazines.

JAMES H. GRAY, W1XU  
ADVERTISING MANAGER

80 PINE STREET, PETERBOROUGH, NH 03458  
(800) 441-4403 (603) 924-7138

800-328-0250  
(612) 535-5050 (IN MN)

PROMPT  
PROFESSIONAL  
SERVICE

TNT RADIO SALES, INC.  
"SALES & SERVICE"

4124 W. BROADWAY  
ROBBINSDALE, MINNESOTA 55422

# BADGER STATE SMOKE SIGNALS

## SUBSCRIPTION INFORMATION

Dear Fellow Radio Amateur:

If you are not a regular recipient of Badger State Smoke Signals, this sample copy is to introduce our publication to you, and invite you to join our regular readers. Smoke Signals has been published monthly for over 16 years. Originally published as the club paper for the Yellow Thunder Amateur Radio Club, it has been, for the past three years, a state-wide publication.

Badger State Smoke Signals will carry current Amateur Radio news, news about YELLOW THUNDER ARC, RIVERLAND RADIO CLUB, EAU CLAIRE ARC, WNA, WAPR, ARRL, GEARVAKf (the f is silent), and other clubs and groups in Wisconsin as well. You will be kept apprised of what is happening in our hobby - locally, regionally, nationally and around the world. Among the many features will be Sentence Sermons, member birthdays, swapfest calendar, meeting notices, The Test Point, ARRL section news, humor and excellent feature articles by well-known Amateurs in Wisconsin and elsewhere. Reports will be included from ARRL Bulletins, ARRL Newsletters, and Westlink Reports, along with items of interest from exchange newsletters and the ARNS.

Regular individual subscription rates:

		save over annual rate
1 year	- \$7.50 (12 issues)	-----
2 years	- \$14.00 (24 issues)	\$1.00
3 years	- \$20.00 (36 issues)	\$1.50

If you wish to subscribe, please use the form below. Make checks or money orders payable to Badger State Smoke Signals. Send this form to Jim Decker, WB9UQT, Treasurer, P.O. Box 337, Baraboo, Wis. 53913.

In addition to the above rates, a special reduced rate is available to clubs having 20 or more subscriptions per year at a rate of \$4.50 each.

Clubs wishing to participate in Badger State Smoke Signals with a column devoted to their club can receive a lower rate. Mailings must be made to the entire club membership and your club would receive a 15 percent additional complimentary mailings. (There are presently over 100 complimentary and exchange addresses on the mailing list in addition to the present subscribers.)

CLUB RATES:	Less than 50 members	\$4.80 per year
	Over 50 members	\$4.20 per year

Badger State Smoke Signals would be happy to serve your members as the official journal for your club. For information and requirements, please contact Ken Ebner, K9EN, 822 Wauona Trail., Portage, Wisconsin 53901 -- (608) 742-3560

If you are active on the traffic nets and wish to receive Smoke Signals as a WISCONSIN NETS ASSOCIATION BOOSTER please contact WNA Treasurer, Mike Hamman, KA9BHL, Rte. 5, Box 668, Tomahawk, WI 54487 for information on how to become a WNA BOOSTER.

PACKET RADIO enthusiasts are invited to join the Wisconsin Amateur Packet Radio Association (Smoke Signals is a part of your membership). For information contact W.A.P.R., P.O. Box 1215, Fond Du Lac, WI 54953

-----rip here-----

Jim: Enclosed is my check/money order for \$ \_\_\_\_\_. Please enter/renew

my subscription to Badger State Smoke Signals for \_\_\_\_\_ years.

Name \_\_\_\_\_ Call \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

BADGER STATE SMOKE SIGNALS

Jim Romelfanger, K9ZZ, Editor  
(see page two for exchange address)

return address:

Kenneth A. Ebnetter, K9EN  
822 Wauona Trail  
Portage, Wisconsin 53901

.....  
BULK RATE  
U.S. POSTAGE  
PAID  
PERMIT # 265  
PORTAGE WI 53901  
.....

I'm self-taught on the computer  
Having learned the haphazard way  
My decision was simply to  
Let the chips fall where they may.

--Arnold J. Zarett.

DATED MATERIAL -- PLEASE DON'T DELAY

FORWARDING AND RETURN POSTAGE GUARANTEED  
AND ADDRESS CORRECTION REQUESTED

THIRD CLASS MAIL

WANT AD FORM

Please place the following ad in Badger State Smoke Signals.

Count 39 letters per line, including spaces and punctuation.

-----  
-----  
-----  
-----  
-----  
-----

Please run this ad for ----- month(s).

Multiply ----- months X ----- lines at

50 cents per line = \$-----.

My payment is enclosed. Please mail this form with your  
remittance to Jim Decker, WB9UQT, Keeper of the Funds, P.O. Box  
337, Baraboo WI 53913-0337. --Thank you!